

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)
)
 Steven M. Blair) Art Unit: 1641
)
 Application No.: 10/089,497) Examiner: Christopher L. Chin
 Filing Date: August 21, 2002)
) Confirmation: 9592
 U.S. Patent No.: 7,384,797)
 Issue Date: June 10, 2008)
)
 For: RESONANT OPTICAL CAVITIES FOR HIGH-)
 SENSITIVITY HIGH-THROUGHPUT BIOLOGICAL)
 SENSORS AND METHODS)

REQUEST FOR CERTIFICATE OF CORRECTION
UNDER 35 U.S.C. § 255 AND 37 C.F.R. § 1.323

Commissioner for Patents
ATTN: Certificate of Correction Branch
Box 1450
Alexandria, VA 22313-1450

BALLARD SPAHR ANDREWS & INGERSOLL, LLP
Customer Number 23859

Sir:

In accordance with the provisions of 35 U.S.C. § 254 and 37 C.F.R. § 1.322(a)(1)(i), it is respectfully requested that a Certificate of Correction be issued to correct errors in the above-identified patent. Two (2) copies of the Certificate of Correction are appended. The complete Certificate of Correction involves two (2) pages.

REMARKS

Applicants believe that the requested changes are the result of typographical errors made by the USPTO during the publication of the application. These errors do not involve changes in

the patent so as to constitute new matter or to require reexamination. Therefore, Applicants respectfully request issuance of a Certificate of Correction.

No fee is believed due; however, the Commissioner is hereby authorized to charge to Deposit Account No. 14-0629 any additional fees that may be required, or to credit to the same account any overpayment of fees.

Respectfully submitted,

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EEFS-WEB MAILING UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence, including any items indicated as attached or included, is being transmitted via EFS Web on the date indicated below.

/Janell T. Cleveland/

September 4, 2008

Janell T. Cleveland

Date

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

Patent No. : 7,384,797
Application No. : 10/089,497
Issue Date : June 10, 2008
Inventor : Steven M. Blair

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At Column 16, lines 42-45, please make the following changes to Equation (1) (shown below):

$$P_{cavity} = \frac{v_g \tau^2}{\pi R \tau_c} P_{inc}$$

$$P_{trans} = (1 - 2\tau / \tau_c)^1 P_{inc}$$

(a) in the second part of the equation, the exponent should be 2 rather than 1,

(b) in the second part of the equation, τ_c should be τ_e .

At Column 16, line 52, please make the following change to the equation (shown below):

(a) in the equation $1/\tau_c = 1/\tau_d + 1/\tau_l$,

τ_c should be τ_e .

At Column 17, lines 28-31, please make the following changes to Equation (4) (shown below):

(a) please remove the top part of the equation

$$\frac{+72 = 1 - e^{-+60L} \approx +60L}{wg}$$

from the total equation

$$\frac{+72 = 1 - e^{-+60L} \approx +60L}{wg}$$

$$n_{wg} = 1 - e^{aL} = aL$$

so that only the bottom part of the equation remains.

$$n_{wg} = 1 - e^{aL} = aL$$